

Update on VIVA-OTN

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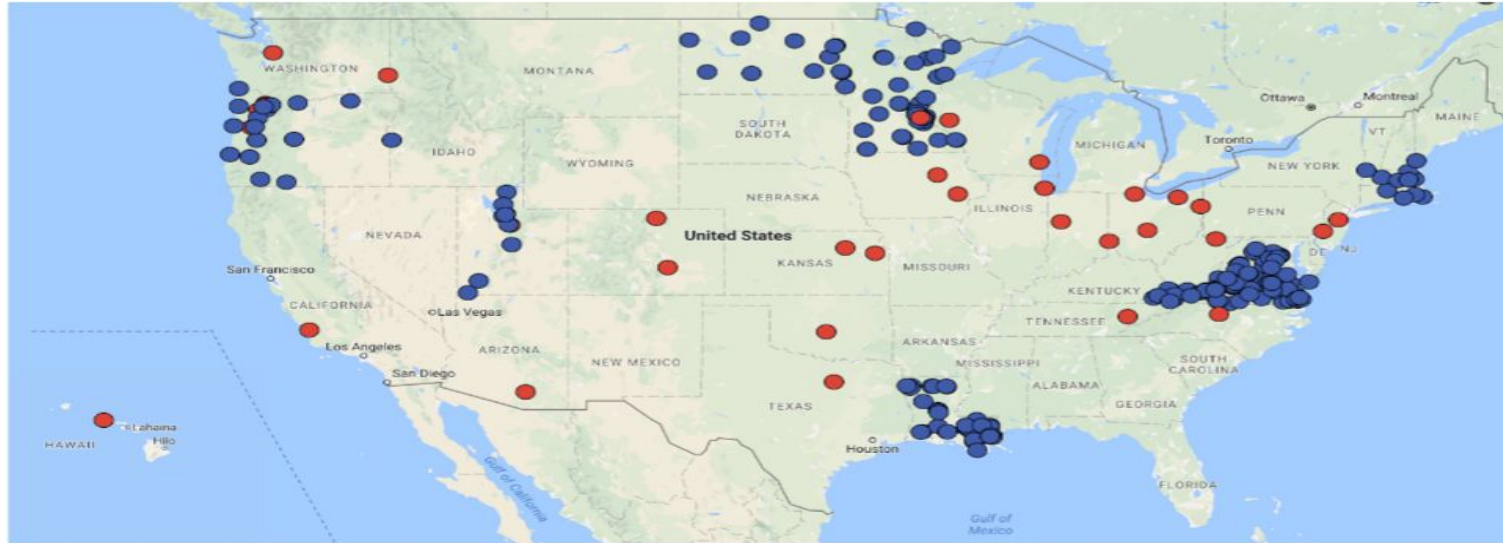
2016

April



VIVA
joined
OTN

The Open Textbook Network



The network has been invaluable; by pooling knowledge and resources, we benefit from the expertise of the growing network and don't have to go it alone or reinvent the wheel.

— Karen Williams, Dean, University of Arizona Libraries
Former President, Association of College and Research Libraries
(ACRL)

Open Textbook Network

Goal: Faculty adoption of open textbooks
VIVA “dipping toes into” open

Method: OTN training of system & campus leaders
OTN trained presenters customize & deliver workshop
Faculty reviews
\$200 stipend

VIVA-supported OTN membership + 100 \$200 faculty stipends

The VIVA Program

- Four VIVA System Leaders
 - Anita Walz, Virginia Tech
 - Claudia Holland, George Mason University
 - Jimmy Ghaphery, Virginia Commonwealth University
 - Olivia Reinauer, Tidewater Community College

2016

April

August



VIVA
joined
OTN

Open
Textbook
Summer
Institution
(OTNSI)
& OTN
Summit

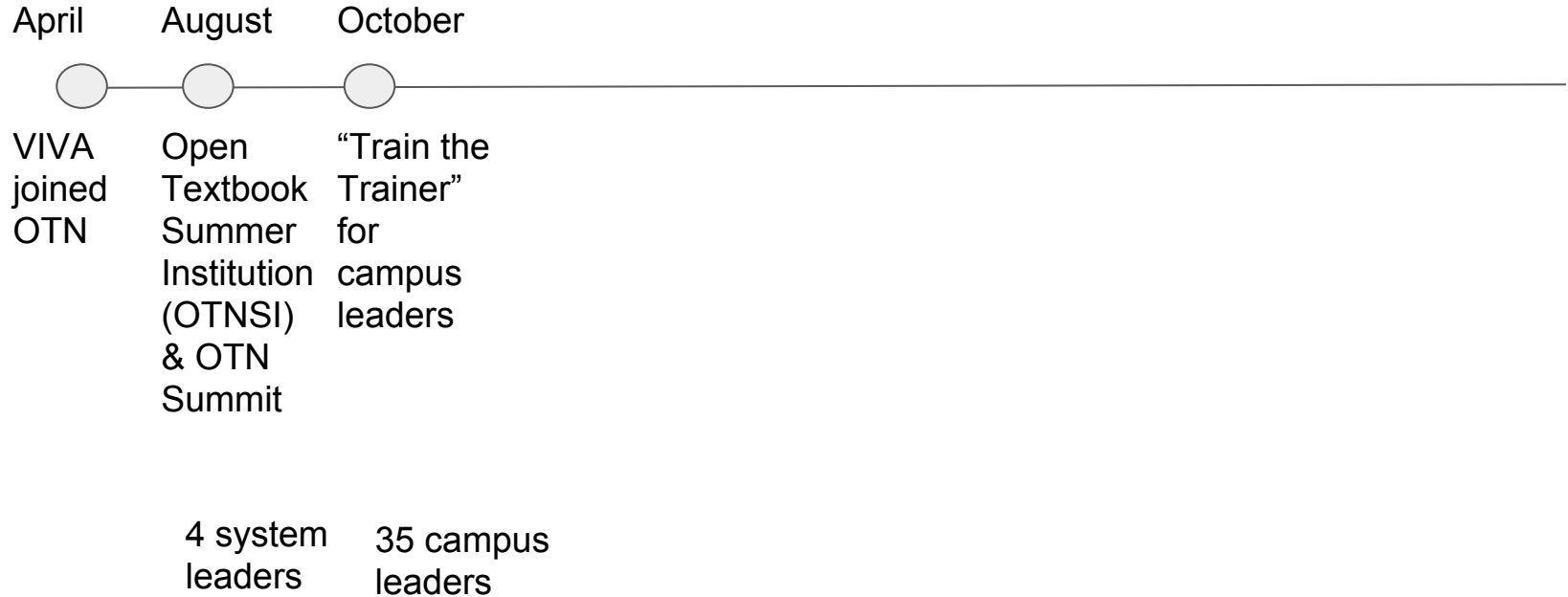
4 system
leaders

The VIVA Program

- 35 VIVA Campus Leaders

Bridgewater College: Vickie Einselen	Randolph-Macon College: Laurie Preston
College of William & Mary: Kathleen Delaurenti	Richard Bland College : Bianca Spurlock
Dabney S. Lancaster Community College: Nova Wright	Roanoke College : Piper Cumbo
Eastern Mennonite University: Jennifer Ulrich	Shenandoah University : Andrew Kulp
Germanna Community College: Matthew Pierce	Sweet Briar College: Katie Glaeser
Hampden-Sydney College: Brian Burns	Thomas Nelson Community College: Joslyn Allison
J. Sargeant Reynolds Community College: Lynn Riggs	Union Presbyterian Seminary : Ann Knox
James Madison University : Liz Thompson	University of Mary Washington: Erin Wysong
Liberty University: Hannah Lowder	University of Richmond: Lucretia McCulley
Marymount University : Mason Yang	University of Virginia: Dave Ghamandi
New River Community College : Yvonne Maute	Virginia Commonwealth University: Hillary Miller
Norfolk State University : Lynne Harrison	Virginia State University: Arthur Fridrich
Northern Virginia Community College : Heather Blicher	Virginia Tech: Inga Haugen
Old Dominion University : Lucy Rush	Virginia Wesleyan College: Robin Takacs
Piedmont Virginia Community College : Crystal Newell	Virginia Western Community College: Dale Dulaney
Radford University: Jackie DeLong	

2016



How does it work?

- OTN trains Campus & System Leaders.
- Campus & System Leaders recruit faculty for a workshop.
- Faculty attending are invited to review an open textbook.
- Faculty are asked if they decided to adopt.
- Faculty are paid \$200 upon completion of review (regardless of their adoption/non-adoption decision)

What's in the presentation?

\$\$ **Cost** of textbooks (in context of cost of higher education, rising student debt etc.)

Student perceptions regarding the cost of textbooks.

Impact of the cost of textbooks on **student learning**

Academic freedom = Faculty choice. **Faculty choices** can make a difference

What's in the presentation?

Model of **how textbooks are usually published**.

Alternative model of using Creative Commons licenses for OPEN textbook publication.

Creative Commons licenses also allow **modification and remix** (with attribution)

Introduction to the **Open Textbook Library** (OTL) and reviews.

Invitation to write a brief **written review** of an open textbook (listed in the OTL).

Discussion

The VIVA Program

VIVA Schools without a Campus or System Leader:

- You or your faculty may be able to attend a workshop at a neighboring institution.
- A Campus or System Leader may be able to provide a workshop for your faculty.
- VIVA may host another Train the Trainer workshop next year.



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Open Textbooks Review Criteria:

Comprehensiveness

The text covers all areas and ideas of the subject appropriately and provides an effective index and/or glossary.

Content Accuracy

Content is accurate, error-free and unbiased.

Relevance Longevity

Content is up-to-date, but not in a way that will quickly make the text obsolete within a short period of time. The text is written and/or arranged in such a way that necessary updates will be relatively easy and straightforward to implement.

Clarity

The text is written in lucid, accessible prose, and provides adequate context for any jargon/technical terminology used.

Consistency

The text is internally consistent in terms of terminology and framework.

Modularity

The text is easily and readily divisible into smaller reading sections that can be assigned at different points within the course (i.e., enormous blocks of text without subheadings should be avoided). The text should not be overly self-referential, and should be easily reorganized and realigned with various subunits of a course without presenting much disruption to the reader.

Organization Structure Flow

The topics in the text are presented in a logical, clear fashion.

Interface

The text is free of significant interface issues, including navigation problems, distortion of images/charts, and any other display features that may distract or confuse the reader.

Grammatical Errors

The text contains no grammatical errors.

Cultural Relevance

The text is not culturally insensitive or offensive in any way. It should make use of examples that are inclusive of a variety of races, ethnicities, and backgrounds.

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A Computational Introduction to Number Theory and Algebra

[\(3 reviews\)](#)



Victor Shoup, New York University

Pub Date: 2009

ISBN 13: 978-0-5215164-4-0

Publisher: [Independent](#)

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B&W](#)

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Reviews

[Learn more about reviews.](#)



Reviewed by William McGovern, Professor, University of Washington, on 8/22/2016.

As promised by the title, the book gives a very nice overview of a side

Table of Contents

Chapter 1: Basic properties of the integers

Chapter 2: Congruences

Chapter 3: Computing with large integers

Chapter 4: Euclid's algorithm

Chapter 5: The distribution of primes

Chapter 6: Abelian groups

Chapter 7: Rings

Chapter 8: Finite and discrete probability distributions

Chapter 9: Probabilistic algorithms

Chapter 10: Probabilistic primality testing

Chapter 11: Finding generators and discrete logarithms in Z^*p

Chapter 12: Quadratic reciprocity and computing modular square roots

Chapter 13: Modules and vector spaces

Chapter 14: Matrices

Chapter 15: Subexponential-time discrete logarithms and factoring

Chapter 16: More rings

Chapter 17: Polynomial arithmetic and applications

Chapter 18: Finite Fields

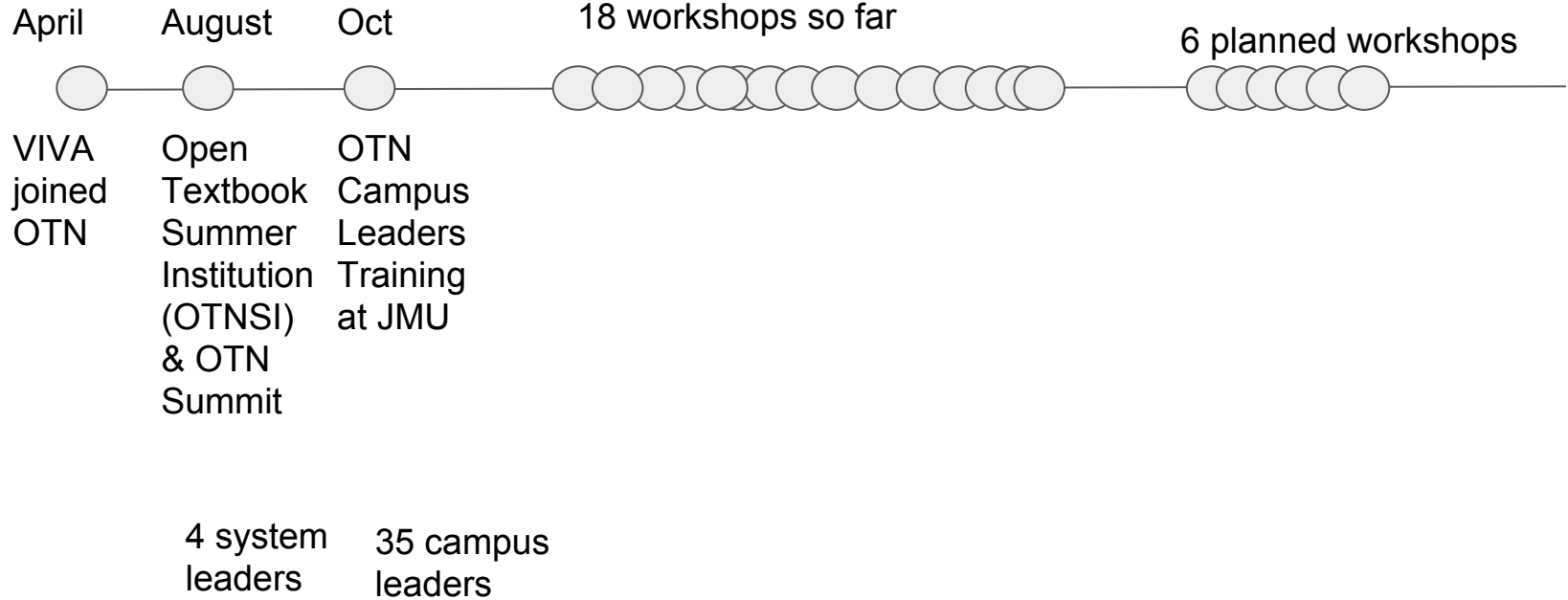
Chapter 19: Linearly generated sequences and applications

Chapter 20: Algorithms for finite fields

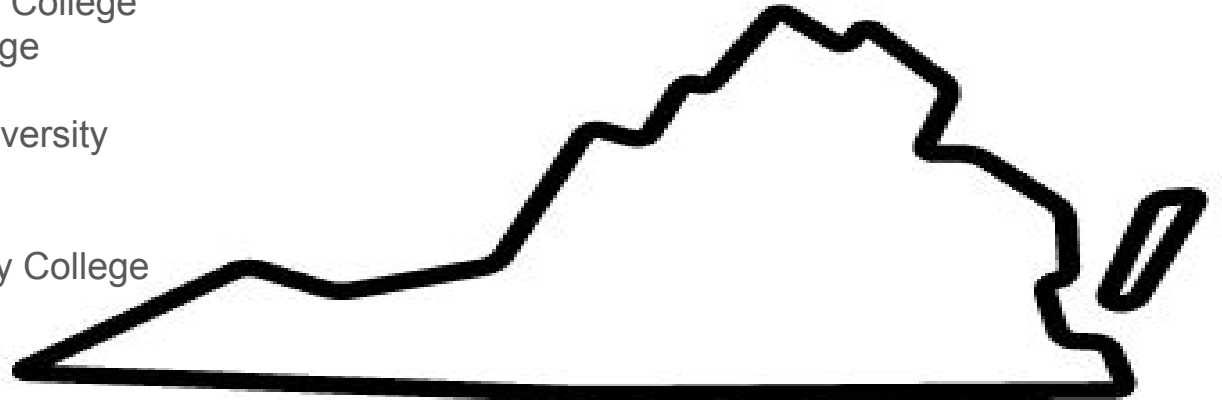
Chapter 21: Deterministic primality testing

2016

2017



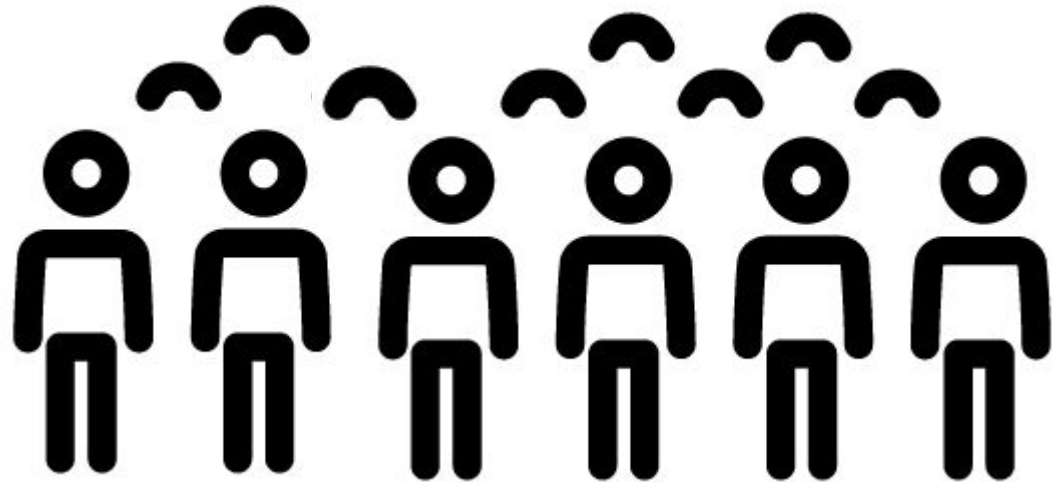
Ferrum College
George Mason University
Hampden-Sydney College
J. Sargeant Reynolds Community College
James Madison University
Marymount University
Northern Virginia Community College
Old Dominion University
Piedmont Virginia Community College
Radford University
Roanoke College
Thomas Nelson Community College
Tidewater Community College
University of Richmond
Virginia Commonwealth University
Virginia Tech
Virginia Wesleyan College
Virginia Western Community College



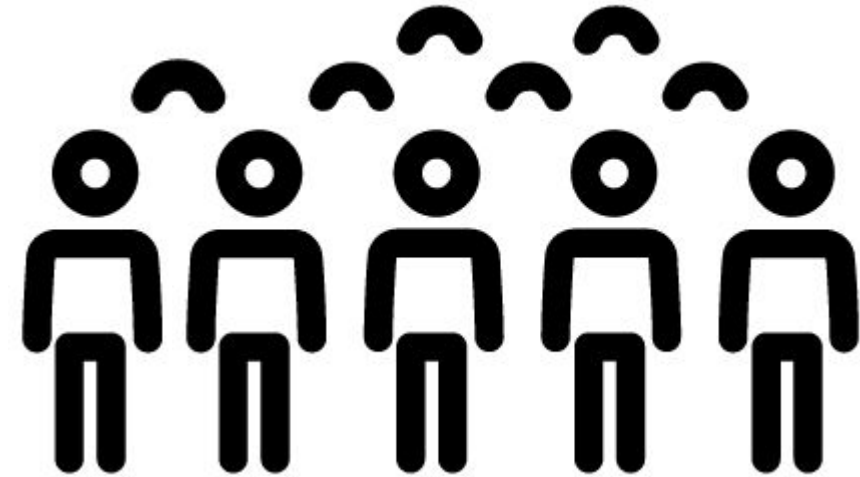
Participants: 127 + 36



Reviews (so far): 59

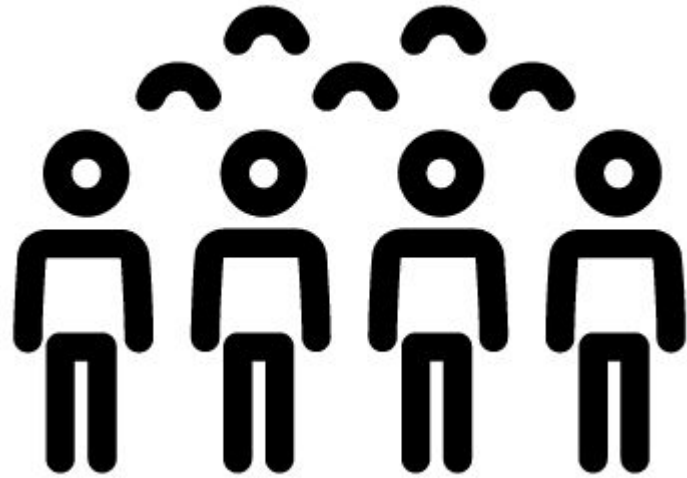


Adoptions (so far): 40



YES!

Tentative Adoptions: 22



MAYBE?

Trends?

What we're learning

Invitations

Recruitment

Innovative approaches

Assessment / Follow up

Communication via VIVA-OER Listserv

Communication between VIVA & System Leaders

2016

2017

April

August

Oct

18 workshops so far

6 planned workshops



VIVA
joined
OTN

Open
Textbook
Summer
Institution
(OTNSI)
& OTN
Summit

OTN
Campus
Leaders
Training
at JMU

4 system
leaders

35 campus
leaders



Thank you!

Comments and questions?

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